

**ABSTRACT OF THE DISCLOSURE**

The present invention provides a multi-piece solid golf ball having excellent flight performance and good shot feel. The present invention relates to a multi-piece solid golf ball comprising a core consisting of an inner core, an intermediate layer and an outer layer, and a cover, wherein the inner core has a flexural rigidity ( $R_I$ ) of 20 to 80 MPa, a ratio ( $R_M/R_I$ ) of a flexural rigidity of the intermediate layer ( $R_M$ ) to the ( $R_I$ ) is from 0.6 to 1.4, a flexural rigidity of the outer layer is higher than the ( $R_I$ ) by 70 to 500 MPa, and the intermediate layer is placed such that the a radius of the golf ball ( $r_G$ ), a radius of the inner core ( $r_I$ ) and a radius of a two-layer structured core obtained by forming the intermediate layer on the inner core ( $r_T$ ) satisfy the following two formulae:

$$r_I/r_G \geq 0.70$$

$$r_T/r_G \leq 0.83$$

(149 words)